

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A coating for ceramic fibers of ceramic matrix composites, said coating comprising boron-aluminum-nitride, wherein at least one of aluminum nitride (AlN) and aluminum oxynitride (AlON) is nanodispersed in boron nitride.
2. (Canceled)
3. (Original) A ceramic matrix composite comprising ceramic fibers coated with boron-aluminum nitride.
4. (Original) The ceramic matrix composite of claim 3 wherein the ceramic fibers are coated with aluminum nitride nanodispersed in boron nitride.
5. (Original) A method for coating a ceramic carbide fiber with boron-aluminum-nitride comprising
 - (a) extracting metal from the ceramic carbide filler to form a thin uniform carbon layer on the ceramic carbide fiber; and
 - (b) transforming the carbon layer on the ceramic carbide fiber to boron-aluminum-nitride by reacting the carbon layer with boron and aluminum salts in the presence of ammonia and heat so that the carbon layer is consumed and the carbide fiber is coated with boron-aluminum-nitride.
6. (Currently Amended) A ceramic fiber comprising a boron-aluminum-nitride coating, wherein at least one of aluminum nitride (AlN) and aluminum oxynitride (AlON) is nanodispersed in boron nitride.
7. (Previously Presented) The coated ceramic fiber of claim 6, wherein the ceramic fiber is composed of silicon carbide.